

Spinoflavanone A

Spinoflavanone A

See 4H,8H-Benzol 1,2-b:3,4-b' dipyrans-4-one, 2,3-dihydro-5-hydroxy-8,8-dimethyl-6-[(1E)-3-methyl-1,3-butadienyl]-2-phenyl-, (2S)- [146959-80-0]

Spinoflavanone B

See 4H-1-Benzopyran-4-one, 2,3-dihydro-5,7-dihydroxy-6,8-bis(3-methyl-2-butenyl)-2-phenyl-, (2S)- [96386-71-9]

Spinogenin C₃

See 30-Norolean-12-en-28-oic acid, 3,20-dihydroxy-, (3a,20a)- [201804-86-6]

Spinogenin D₂

See Olean-12-ene-28,29-dioic acid, 3-hydroxy-23-oxo-, (3a,4a,20a)- [151201-23-9]

Spinogenin D₃

See Olean-12-ene-28,29-dioic acid, 3,23-dihydroxy-, (3a,4a,20a)- [151201-22-8]

Spinomear NaSS

See Benzenesulfonic acid, 4-ethenyl-, sodium salt [2695-37-6]

Spinonin

See 3(2H)-Furanone, 5-[2-(β-D-glucopyranosyloxy)-5-hydroxyphenyl]-2-[(4-hydroxyphenyl)methyl]-, (2R)- [187395-20-6]

Spinons

See Quasiparticles and Excitations

Spinor A

See Cement (construction material)

Spin-orbit coupling

See also related:

Electron angular momentum

Spin

Spin-orbit splitting

Spin-rotation coupling

Spin-spin coupling

Spin-orbit splitting

See also related:

EXAFS spectra

EXAFS spectroscopy

Fine structure (energy level)

Hyperfine splitting

NEXAFS spectroscopy

Spin-orbit coupling

XAFS spectra

XAFS spectroscopy

Spin ordering

See Magnetic ordering

Spinolic acid A

See Olean-12-en-28-oic acid, 3,19-dihydroxy-, (3β,19β)- [32205-23-5]

Spinoside

See 4H-1-Benzopyran-4-one, 2-[4-[(6-deoxy-β-L-mannopyranosyloxy)-3-hydroxyphenyl]-5-hydroxy-7-methoxy]- [31159-36-1]

Spinoside A

See 19-Norlanosta-1,5,23-triene-3,22-dione, 16-[(2,4-di-O-acetyl-α-L-arabinopyranosyloxy)-2,20,25-trihydroxy-9-methyl-, (9β,10a,16a,23E)- [119626-74-3]

Spinoside B

See 19-Norlanosta-1,5,23-triene-3,22-dione, 16-[(2-O-acetyl-α-L-arabinopyranosyloxy)-2,20,25-trihydroxy-9-methyl-, (9β,10a,16a,23E)- [119626-75-4]

Spinoside C₁

See Olean-12-en-28-oic acid, 3,29-dihydroxy-, O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,20a)- [153287-89-9]

Spinoside C₂

See Olean-12-en-28-oic acid, 3,29-dihydroxy-23-oxo-, O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [201802-86-0]

Spinoside C₃

See 30-Norolean-12-en-28-oic acid, 3,20-dihydroxy-, O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [201803-17-0]

Spinoside C₄

See Olean-12-en-28-oic acid, 3,29-dihydroxy-23-oxo-, O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [153287-90-2]

Spinoside C₅

See Olean-12-en-28-oic acid, 3,23,29-trihydroxy-, O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [153287-91-3]

Spinoside C₆

See Olean-12-en-28-oic acid, 3,23,29-trihydroxy-, O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [153287-92-4]

Spinoside C₇

See 30-Norolean-12-en-28-oic acid, 3,20,23-trihydroxy-, O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [201803-18-1]

Spinoside D₁

See Olean-12-ene-28,29-dioic acid, 3-hydroxy-, 28-(O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [151271-82-8]

Spinoside D₂

See Olean-12-ene-28,29-dioic acid, 3-hydroxy-, 28-(O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [151271-83-9]

Spinoside D₃

See Olean-12-ene-28,29-dioic acid, 3,23-dihydroxy-, 28-(O-6-deoxy-α-L-mannopyranosyl-(1-4)-O-β-D-glucopyranosyl-(1-6)-β-D-glucopyranosyl ester, (3a,4a,20a)- [151271-84-0]

Spinosin

See 4H-1-Benzopyran-4-one, 6-(2-O-β-D-glucopyranosyl-β-D-glucopyranosyl)-5-hydroxy-2-(4-hydroxyphenyl)-7-methoxy- [72063-39-9]

Spinosyn A

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-60-7]

Spinosyn B

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-60-7]

Spinosyn C

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-62-9]

Spinosyn D

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-62-9]

Spinosyn E

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-63-0]

Spinosyn F

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-64-1]

Spinosyn G

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-65-2]

Spinosyn H

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-66-3]

Spinosyn I

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-67-4]

Spinosyn J

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-68-5]

Spinosyn K

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-69-6]

Spinosyn L

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-70-7]

Spinosyn M

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-71-8]

Spinosyn N

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-72-9]

Spinosyn O

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-73-0]

Spinosyn P

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-74-1]

Spinosyn Q

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-75-2]

Spinosyn R

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-76-3]

Spinosyn S

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-77-4]

Spinosyn T

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-78-5]

Spinosyn U

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-79-6]

Spinosyn V

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-80-7]

Spinosyn W

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-81-8]

Spinosyn X

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-82-9]

Spinosyn Y

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-83-0]

Spinosyn Z

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-84-1]

Spinosyn AA

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-85-2]

Spinosyn AB

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-86-3]

Spinosyn AC

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3a,5a,5b,5S,9S,13S,14R,16a,16bR)- [131929-87-4]

dimethyl-13-[(2R,5S,6R)-tetrahydro-6-methyl-5-(methylamino)-2H-pyran-2-yl]oxy]-, (2S,3aR,5aR,5bS,9S,13S,14R,16aR,16bS)- [149092-03-5]

Spinosyn O

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2,3,4-tri-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2S,3aR,5aR,5bS,9S,13S,14R,16aR,16bS)- [159195-01-4]

Spinosyn P

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-2-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3aR,5aR,5bS,9S,13S,14R,16aR,16bR)- [159195-02-5]

Spinosyn Q

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-3,4-di-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2S,3aR,5aR,5bS,9S,13S,14R,16aR,16bS)- [149438-28-8]

Spinosyn R

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-3,4-di-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2S,3aR,5aR,5bS,9S,13S,14R,16aR,16bS)- [149438-29-9]

Spinosyn S

See 1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-3,4-di-O-methyl-α-L-mannopyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,9,10,11,12,13,14,16a,16b-tetradecahydro-14-methyl-, (2R,3aR,5aR,5bS,